

REMARKS

Applicant cancels claims 1, 3-5, 7-15, 18-24. Claims 2 and 6 have previously been canceled. Claims 16-17 remain pending in the application. Applicant amends claims 16-17 for further clarification with features corresponding to those of canceled dependent claims. No new matter has been added.

Claims 1 and 5 were rejected under 35 U.S.C. § 103(a) as unpatentable over U.S. Patent No. 5,282,250 to Dent et al. in view of U.S. Patent No. 5,544,245 to Tsubakiyama; claims 4 and 8 were rejected under 35 U.S.C. § 103(a) as unpatentable over Dent et al. in view of U.S. Patent No. 6,321,094 to Hayashi et al.; claim 3 was rejected under 35 U.S.C. § 103(a) as being unpatentable over Dent et al. in view of U.S. Patent No. 5,737,701 to Rosenthal et al.; claim 7 was rejected under 35 U.S.C. § 103(a) as being unpatentable over Dent et al. in view of U.S. Patent Application Publication No. 2002/0057678 to Jiang et al.; claims 9-11 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Dent et al. in view of U.S. Patent Application Publication No. 2004/0087318 to Lipovski; claims 12, 14 and 15 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Dent et al. in view of U.S. Patent Application Publication No. 2003/0122707 to Durst et al.; claim 13 was rejected under 35 U.S.C. § 103(a) as being unpatentable over Dent et al. in view of U.S. Patent No. 5,915,225 to Mills; claim 18 was rejected under 35 U.S.C. § 103(a) as being unpatentable over Dent et al. in view of Tsubakiyama, Rosenthal et al., and further in view of Hayashi et al.; claims 19-20 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Dent et al. in view of Tsubakiyama, Rosenthal et al., and further in view of Lipovski; claims 21 and 23-24 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Dent et al. in view of Tsubakiyama, Rosenthal et al., and further in view of Durst et al.; claim 22 was rejected under 35 U.S.C. § 103(a) as being unpatentable over Dent et al. in view of Tsubakiyama,

Rosenthal et al., Durst et al., and further in view of Mills. Applicant cancels these rejected claims.

Claims 16-17 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Dent et al. in view of Tsubakiyama, and further in view of Rosenthal et al. Applicant amends claims 16-17 in a good faith effort to further clarify the invention as distinguished from the cited references, and respectfully traverses the rejection.

Even assuming, arguendo, that it would have been obvious to one skilled in the art to combine Dent et al., Tsubakiyama, and Rosenthal et al. at the time the claimed invention was made, such a combination would still have failed to disclose or suggest,

“[a] mobile terminal in a mobile communication system for authenticating a communicating party when communication is performed between the mobile terminal and a device on the side of a network, comprising:

authentication processing means which, when a request signal requesting operation execution is received from a network device, is for executing authentication processing to check whether said request signal is a request signal from an authorized network device; and

operation execution means for executing an operation that is in accordance with said request signal if authentication that the network device is an authorized network device is obtained, wherein said authentication processing means includes:

an authentication necessity table that indicates whether each request received from the network device requires authentication;

means for storing an identifier and key information of a mobile terminal;

a random-number generator for generating any random number when said request signal is received from the network device;

an authentication operation unit for executing a prescribed authentication operation using said key information and random number;

an authentication request signal transmitter for creating an authentication request signal, which includes said terminal identifier and random number, and sending this signal to the network device;

a receiver for receiving an authentication result, which has been obtained by an authentication operation performed on the network side, from the network device; and

a comparator for comparing the authentication result computed by the mobile terminal and the authentication result sent from the network device and deciding that the network device is an authorized network when the compared results agree, wherein

said authentication processing means refers to said table when said request is received from the network device, and executes authentication processing if the received request is one requiring authentication, and said operation execution means executes the operation that is in accordance with said request signal if authentication that the network device is an authorized network device is obtained,

said authentication processing means foregoes authentication processing if a request is not one requiring authentication, and said operation execution means executes the operation that is in accordance with said request signal, and

said request signal is one of a signal requesting that radio wave emissions be inhibited, a signal requesting that inhibition of radio wave emissions be canceled, a signal requesting that the mobile terminal make a transition to power cut-off or to a standby operation, and a signal requesting disclosure of mobile terminal information possessed by the mobile terminal,” as recited in claim 16. (Emphasis added)

Accordingly, Applicant respectfully submits that claim 16 is patentable over Dent et al., Tsubakiyama, and Rosenthal et al., separately and in combination, for at least the foregoing reasons. Claim 17 incorporates features that correspond to those of claim 16 cited above, and is, therefore, patentable over the cited references for at least the same reasons.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,

/Dexter T. Chang/

Dexter T. Chang

Reg. No. 44,071

CUSTOMER NUMBER 026304

Telephone: (212) 940-6384

Fax: (212) 940-8986 or 8987

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